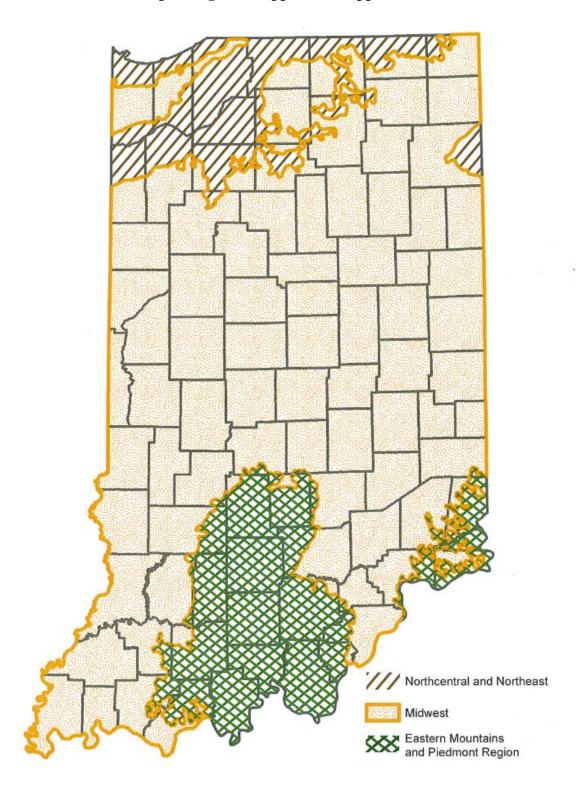
Appendix G Regional Wetland Delineation Data Sheets

Map of Regional Supplements Applicable to Indiana
Wetland Delineation Data Forms
Midwest Region
Eastern Mountains and Piedmont Region
Northcentral and Northeast Region

References

Regional Supplements to the Corps of Engineers Delineation Manual http://www.usace.army.mil/Missions/Civil-Works/Regulatory-Program-and-Permits/reg supp/

Map of Regional Supplements Applicable to Indiana



Wetland Determination Data Form - Midwest Region

http://www.lrc.usace.army.mil/Portals/36/docs/regulatory/forms/midwestform.pdf

Applicant/Owner: State: Sampling Point: Investigator(s): Section, Township, Range: Landform (hillslope, terrace, etc.): Local relief (concave, convex, none): Slope (%): Lat: Long: Datum: Soil Map Unit Name: NWI Classification: Are climatic/hydrologic conditions of the site typical for this time of the year? Yes No (If no, explain in remarks) Are vegetation , soil , or hydrology significantly disturbed? Are "normal circumstances" present? Yes No	WETLAND DETI	ERMINATI	ON DATA	ORM - N	/lidwest Region		
Investigator(s): Section, Township, Range: Load relief (concave, convex, none): Sold Map Unit Name: Load relief (concave, convex, none): Sold Map Unit Name: NVM Classification: NVM C	Project/Site:	City/	County:		Sampling Date:		
Landform (hillslope, terrace, etc.):	Applicant/Owner:		State:		Sampling Point:		
Sol Map Unit Name:	Investigator(s):		Secti	on,Townshi	p, Range:		
No No No No No No No No	Landform (hillslope, terrace, etc.):						
Are climatic/hydrologic conditions of the site typical for this time of the year? Yes No (If no, explain in remarks) Are vegetation soil or hydrology significantly disturbed? Are "normal circumstances" present? Yes No Are "normal circumstances" present. Yes No Are "normal circumstances" present. Yes No Are "normal circumstances" present. Instituted to the circumstances of the circumstances of the circumstances. Institute circumstances of the circumstances. Institute cir	Slope (%): Lat:		Long:		Datum:		
Are climatic/hydrologic conditions of the site typical for this time of the year? Yes No (If no, explain in remarks) Are vegetation soil or hydrology significantly disturbed? Are "normal circumstances" present? Yes No Are vegetation soil or hydrology anaturally problematic? remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic vegetation present? N Hydric soil present? Summary is separate report.) VEGETATION - Use scientific names of plants. Tree Stratum (Plot size:) Absolute Dominant Indicator Absolute Dominant Indicator Stratum (Plot size:) Absolute Domina	Soil Map Unit Name:			NWI	Classification:		
Are vegetationsoilor hydrologynaturally problematic?	-	his time of the	year? Ye	s N	lo (If no, explain in remarks)		
SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic vegetation present? N Is the Sampled Area within a Wetland? Yes	Are vegetation , soil , or hydrology	significantly of	disturbed?	Are "nor	mal circumstances" present? Yes No		
SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic vegetation present? N Is the Sampled Area within a Wetland? Yes	Are vegetation , soil , or hydrology	naturally prob	olematic?	remarks	.)		
State Sampled Area within a Wetland? Yes No No No No No No No No				oint locati	ons, transects, important features, etc.		
Wetland hydrology present? Within a Wetland? Yes No	Hydrophytic vegetation present? N	Ī					
Vegetation represents Yes No			Is the Samp	led Area			
VEGETATION - Use scientific names of plants. Tree Stratum (Plot size:)			within a We	tland?	Yes No		
Name			X		,		
Absolute Dominant Indicator Number of Dominant Species Staus Number of Dominant Species Staus Number of Dominant Species Staus Staus Staus Staus Species S	Remarks: (Explain alternative procedures here or in a	ı separate re	роп.)				
Absolute Dominant Indicator Number of Dominant Species Staus Number of Dominant Species Staus Number of Dominant Species Staus Staus Staus Staus Species S							
Absolute Dominant Indicator Number of Dominant Species Staus Number of Dominant Species Staus Number of Dominant Species Staus Staus Staus Staus Species S		- W.	1				
Tree Stratum	VEGETATION Use scientific names of plan	nts.			T =		
Total Number of Dominant Species Across all Strata:	Trans Charterina (Distraina)						
Total Number of Dominant Species Across all Strata:	and the second s	% Cover	Species	Staus			
Species Across all Strata: 0 (B) Percent of Dominant Species that are OBL, FACW, or FAC: 0.00% (A/B)							
Percent of Dominant Species that are OBL, FACW, or FAC: 0.00% (A/B)	- T-	()=====			Produced to confirm a production and the first part of the country.		
that are OBL, FACW, or FAC: 0.00% (A/B)	4	-					
Prevalence Index Worksheet Total % Cover of: OBL species O	5						
Total % Cover of: OBL species 0	NA CONTRACTOR OF THE OR CONTRACTOR OF THE	0 =	Total Cover				
OBL species 0)			STATE OF THE PROPERTY OF THE P		
FACW species 0	1				A MARKET COST, THE SECTION MADE AND T		
FAC species 0 x 3 = 0 FACU species 0 x 4 = 0 UPL species 0 x 5 = 0 Column totals 0 (A) 0 (B) Prevalence Index = B/A = Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index = S.0¹ 4 - Morphogical Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain) Moody vine stratum	2						
FACU species 0	3	()————					
Herb stratum (Plot size:)	5	-					
Prevalence Index = B/A = Prevalence Index = B/A = Prevalence Index = B/A =		0 -	Total Cover		AND THE RESIDENCE OF THE PARTY		
2 Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphogical Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain) 10	Herb stratum (Plot size:)——			Column totals 0 (A) 0 (B)		
1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphogical Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain) Woody vine stratum	1				Prevalence Index = B/A =		
1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphogical Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain) Woody vine stratum	2	1.7					
5 2 - Dominance Test is >50% 6 3 - Prevalence Index is ≤3.0¹ 4 - Morphogical Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) 9 Problematic Hydrophytic Vegetation¹ (Explain) 10 0 = Total Cover Woody vine stratum (Plot size:) 1	3				Hydrophytic Vegetation Indicators:		
3 - Prevalence Index is ≤3.0¹ 4 - Morphogical Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain)	4						
4 - Morphogical Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain) O = Total Cover Woody vine stratum (Plot size:) 1					A CONTRACTOR OF THE CONTRACTOR		
data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation 1 (Explain) O = Total Cover Woody vine stratum (Plot size:) Hydrophytic vegetation Yes No Problematic Hydrophytic Vegetation 1 (Explain) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic Hydrophytic vegetation Yes No	6	. —					
Problematic Hydrophytic Vegetation (Explain) O = Total Cover Woody vine stratum (Plot size:) 1	8	-					
10 O = Total Cover Woody vine stratum (Plot size:)		-			Problematic Hydrophytic Vegetation ¹ (Explain)		
Woody vine stratum (Plot size:)	10						
present; on hydrocopy must be present; unless disturbed or problematic 1	 	0 =	Total Cover				
1 present, unless disturbed or problematic 2 Hydrophytic 0 = Total Cover vegetation yes No present? No present?	Woody vine stratum (Plot size:)			Indicators of hydric soil and wetland hydrology must be		
0 = Total Cover vegetation yes No present?	1						
present?	2				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
0 (4-00000000000000000000000000000000000		0 =	= Total Cover		103		
Remarks: (Include photo numbers here or on a separate sheet)	Developed the state of the stat				process.		
	Remarks: (Include photo numbers here or on a separ	ate sneet)					

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Midwest Region - Version 2.0

SOIL Sampling Point: Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Matrix Redox Features Color (moist) (Inches) Loc Texture Remarks Color (moist) *Type: C = Concentration, D = Depletion, RM = Reduced Matrix, MS = Masked Sand Grains. **Location: PL = Pore Lining, M = Matrix Hydric Soil Indicators: Indicators for Problematic Hydric Soils³: Sandy Gleyed Matrix (S4) Coast Prairie Redox (A16) (LRR K, L, R) Histisol (A1) Histic Epipedon (A2) Sandy Redox (S5) Dark Surface (S7) (LRR K, L) Black Histic (A3) 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) Stripped Matrix (S6) Hydrogen Sulfide (A4) Loamy Mucky Mineral (F1) Iron-Manganese Masses (F12) (LRR K, L, R) Stratified Layers (A5) Loamy Gleyed Matrix (F2) Very Shallow Dark Surface (TF12) 2 cm Muck (A10) Depleted Matrix (F3) Other (explain in remarks) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Thick Dark Surface (A12) Depleted Dark Surface (F7) ³Indicators of hydrophytic vegetation and weltand Sandy Mucky Mineral (S1) Redox Depressions (F8) hydrology must be present, unless disturbed or 5 cm Mucky Peat or Peat (S3) problematic Restrictive Layer (if observed): Type: Hydric soil present? Depth (inches): Remarks: **HYDROLOGY** Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) Secondary Indicators (minimum of two required) Surface Water (A1) Aquatic Fauna (B13) Surface Soil Cracks (B6) True Aquatic Plants (B14) High Water Table (A2) Drainage Patterns (B10) Saturation (A3) Hydrogen Sulfide Odor (C1) Dry-Season Water Table (C2) Water Marks (B1) Crayfish Burrows (C8) Oxidized Rhizospheres on Living Roots Saturation Visible on Aerial Imagery (C9) Sediment Deposits (B2) (C3) Drift Deposits (B3) Presence of Reduced Iron (C4) Stunted or Stressed Plants (D1) Algal Mat or Crust (B4) Geomorphic Position (D2) Recent Iron Reduction in Tilled Soils (C6) Iron Deposits (B5) FAC-Neutral Test (D5) Inundation Visible on Aerial Imagery (B7) Thin Muck Surface (C7) Sparsely Vegetated Concave Surface (B8) Gauge or Well Data (D9) Water-Stained Leaves (B9) Other (Explain in Remarks) Field Observations: Surface water present? Depth (inches): Wetland Yes No Water table present? Yes No Depth (inches): hydrology Saturation present? Yes No Depth (inches): present? (includes capillary fringe) Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks:

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Midwest Region - Version 2.0

Wetland Determination Data Form - Eastern Mountains and Piedmont Region

 $\underline{http://www.sac.usace.army.mil/Portals/43/docs/regulatory/Digital_Eastern_Mountain_Peidmont_D}\\ \underline{ataSheet_Revised.pdf}$

WETLAND DETERMINATION DATA FORM – Eastern Mountains and Piedmont Region

Project/Site:			
Applicant/Owner:			Sampling Point:
Investigator(s):			
Landform (hillslope, terrace, etc.):			
Subregion (LRR or MLRA): Lat:			
Soil Map Unit Name:			cation:
Are climatic / hydrologic conditions on the site typical for this time of			
Are Vegetation Soil , or Hydrology significan	ntly disturbed? A	ا "Normal Circumstances"	oresent? Yes No
Are Vegetation Soil , or Hydrology naturally	problematic? (If needed, explain any answe	ers in Remarks.)
SUMMARY OF FINDINGS – Attach site map showi	ng sampling poir	nt locations, transects	, important features, etc.
Hydrophytic Vegetation Present? Yes No Hydric Soil Present? Yes No Wetland Hydrology Present? Yes No Remarks:	Is the Samp within a We		No
HYDROLOGY Western Hydrology Indicators		Canandan I - di-	store (minimum of two require-
Wetland Hydrology Indicators:	1. 3	Secondary indicates Soil	ators (minimum of two required)
Primary Indicators (minimum of one is required; check all that app			getated Concave Surface (B8)
	c Plants (B14) Julfide Odor (C1)	Drainage Pa	,
	nizospheres on Living F		
	Reduced Iron (C4)		Water Table (C2)
The state of the s	Reduction in Tilled Soi		ALIA-MARAMENT - CAMPARAN AND AND AND AND AND AND AND AND AND A
	Surface (C7)		isible on Aerial Imagery (C9)
	ain in Remarks)		itressed Plants (D1)
Iron Deposits (B5)		Geomorphic	Position (D2)
Inundation Visible on Aerial Imagery (B7)		Shallow Aqu	itard (D3)
Water-Stained Leaves (B9)		☐ Microtopogra	aphic Relief (D4)
Aquatic Fauna (B13)		FAC-Neutral	Test (D5)
Field Observations:			
Surface Water Present? Yes No Depth (inch	nes):		
Water Table Present? Yes No Depth (inch	nes):		
	nes):	Wetland Hydrology Preser	nt? Yes No No
(includes capillary fringe) Describe Recorded Data (stream gauge, monitoring well, aerial ph	notos previous inspect	ions) if available:	
Describe Necorded Sata (Stream gaage, monitoring wall, derial pr	iotos, previous irispect	ions), ir avaliable.	
Remarks:			

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VEGETATION (Five Strata) - Use scientific names of plants. Sampling Point: Absolute Dominant Indicator Dominance Test worksheet: Tree Stratum (Plot size: _____) % Cover Species? Status Number of Dominant Species That Are OBL, FACW, or FAC: __ Total Number of Dominant Species Across All Strata: Percent of Dominant Species That Are OBL, FACW, or FAC: ___ __ (A/B) Prevalence Index worksheet: _____ = Total Cover Total % Cover of: Multiply by: 50% of total cover: _____ 20% of total cover:__ OBL species _____ x 1 =____ Sapling Stratum (Plot size: ___ FACW species _____ x 2 =____ FAC species _____ x 3 =____ FACU species _____ x 4 =____ UPL species _____ x 5 =____ Column Totals: _____ (A) _____ (B) Prevalence Index = B/A = ____ = Total Cover Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 50% of total cover: _____ 20% of total cover:___ 2 - Dominance Test is >50% Shrub Stratum (Plot size: ____ 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain) ¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. = Total Cover **Definitions of Five Vegetation Strata:** 50% of total cover: _____ 20% of total cover: ____ Tree - Woody plants, excluding woody vines, Herb Stratum (Plot size: _____) approximately 20 ft (6 m) or more in height and 3 in. (7.6 cm) or larger in diameter at breast height (DBH). **Sapling** – Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less than 3 in. (7.6 cm) DBH. **Shrub** – Woody plants, excluding woody vines, approximately 3 to 20 ft (1 to 6 m) in height. Herb - All herbaceous (non-woody) plants, including herbaceous vines, regardless of size, and woody plants, except woody vines, less than approximately 3 Woody vine - All woody vines, regardless of height. = Total Cover 50% of total cover: _____ 20% of total cover:__ Woody Vine Stratum (Plot size: _____) Hydrophytic Vegetation = Total Cover 50% of total cover: _____ 20% of total cover:____ Present? Remarks: (Include photo numbers here or on a separate sheet.)

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Eastern Mountains and Piedmont - Version 2.0

OIL		Sampling Point:
Profile Description: (Describe to the de	epth needed to document the indicator or confirm	n the absence of indicators.)
Depth Matrix	Redox Features	
(inches) Color (moist) %	Color (moist) % Type ¹ Loc ²	Texture Remarks
	· ——— ———	
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		-
	. ——— ————	
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	. —————	
		<u></u>
		(e) (e)
	Security of the second of the	The second secon
	M=Reduced Matrix, MS=Masked Sand Grains.	² Location: PL=Pore Lining, M=Matrix.
ydric Soil Indicators:	_	Indicators for Problematic Hydric Soils ³ :
Histosol (A1)	Dark Surface (S7)	2 cm Muck (A10) (MLRA 147)
Histic Epipedon (A2)	Polyvalue Below Surface (S8) (MLRA 147,	, 148) La Coast Prairie Redox (A16)
Black Histic (A3)	Thin Dark Surface (S9) (MLRA 147, 148)	(MLRA 147, 148)
☐ Hydrogen Sulfide (A4)	Loamy Gleyed Matrix (F2)	Piedmont Floodplain Soils (F19)
Stratified Layers (A5)	Depleted Matrix (F3)	(MLRA 136, 147)
2 cm Muck (A10) (LRR N)	Redox Dark Surface (F6)	Very Shallow Dark Surface (TF12)
Depleted Below Dark Surface (A11)	Depleted Dark Surface (F7)	Other (Explain in Remarks)
Thick Dark Surface (A12)	Redox Depressions (F8)	
Sandy Mucky Mineral (S1) (LRR N,	Iron-Manganese Masses (F12) (LRR N,	
MLRA 147, 148)	MLRA 136)	
Sandy Gleyed Matrix (S4)	Umbric Surface (F13) (MLRA 136, 122)	³ Indicators of hydrophytic vegetation and
Sandy Redox (S5)	Piedmont Floodplain Soils (F19) (MLRA 14	
Stripped Matrix (S6)	Red Parent Material (F21) (MLRA 127, 14	unless disturbed or problematic.
testrictive Layer (if observed):		
Туре:		
Depth (inches):		Hydric Soil Present? Yes No
Remarks:		

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Wetland Determination Data Form - Northcentral and Northeast Region

http://www.nan.usace.army.mil/Portals/37/docs/regulatory/Formdoc/datasheet.pdf

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site:	City/County:	Sampling Date:
Applicant/Owner:		State: Sampling Point:
Investigator(s):	Section, Township, R	Range:
Landform (hillslope, terrace, etc.):		
Slope (%): Lat:		
Soil Map Unit Name:		NWI classification:
Are climatic / hydrologic conditions on the site typical for this time of		
		Annual contract contract the contract of the c
Are Vegetation, Soil, or Hydrology significar		e "Normal Circumstances" present? Yes No
Are Vegetation, Soil, or Hydrology naturally	problematic? (If i	needed, explain any answers in Remarks.)
SUMMARY OF FINDINGS – Attach site map showi	ng sampling point	locations, transects, important features, etc.
Hydrophytic Vegetation Present? Yes No	Is the Sample	ed Area
Hydrophytic Vegetation Present? Yes No Hydric Soil Present? Yes No	-	The state of the s
Wetland Hydrology Present? Yes No	TE AND THE RESERVE TO THE PARTY OF THE PARTY	Il Wetland Site ID:
Remarks: (Explain alternative procedures here or in a separate re		· voluina dito ib.
HYDROLOGY		
Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that appl	ly)	Surface Soil Cracks (B6)
Surface Water (A1) Water-Stain	ed Leaves (B9)	Drainage Patterns (B10)
High Water Table (A2) Aquatic Faul	na (B13)	Moss Trim Lines (B16)
Saturation (A3) Marl Deposit	200-14-20-20-20-20-20-20-20-20-20-20-20-20-20-	Dry-Season Water Table (C2)
Water Marks (B1) Hydrogen St	The second secon	Crayfish Burrows (C8)
A STATE OF THE PROPERTY OF THE	izospheres on Living Ro	
	Reduced Iron (C4)	Stunted or Stressed Plants (D1)
The second production of the second s	Reduction in Tilled Soils	A STATE OF THE PROPERTY OF THE
Iron Deposits (B5) Thin Muck S Inundation Visible on Aerial Imagery (B7) Other (Expla		Shallow Aquitard (D3) Microtopographic Relief (D4)
Sparsely Vegetated Concave Surface (B8)	un in Kemarks)	FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes No Depth (inch	ies):	
Water Table Present? Yes No Depth (inch		
Saturation Present? Yes No Depth (inch		Vetland Hydrology Present? Yes No
(includes capillary fringe)		N if an all the last
Describe Recorded Data (stream gauge, monitoring well, aerial ph	otos, previous inspection	is), if available.
Remarks:		

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Northcentral and Northeast Region - Interim Version

VEGETATION – Use scientific names of plants. Sampling Point: Absolute Dominant Indicator Dominance Test worksheet: Tree Stratum (Plot size: _____) % Cover Species? Status Number of Dominant Species That Are OBL, FACW, or FAC: _____ (A) Total Number of Dominant Species Across All Strata: ____ (B) Percent of Dominant Species That Are OBL, FACW, or FAC: ____ (A/B) Prevalence Index worksheet: Total % Cover of: Multiply by: ____ = Total Cover OBL species _____ x 1 = _____ FACW species _____ x 2 = __ Sapling/Shrub Stratum (Plot size: _____) FAC species _____ x 3 = ____ FACU species ____ x 4 = ____ UPL species _____ x 5 = ____ Column Totals: _____ (A) ____ (B) Prevalence Index = B/A = ____ Hydrophytic Vegetation Indicators: ___ Rapid Test for Hydrophytic Vegetation ___ Dominance Test is >50% _____ = Total Cover Prevalence Index is ≤3.0¹ Herb Stratum (Plot size: _____) ___ Morphological Adaptations (Provide supporting data in Remarks or on a separate sheet) ___ Problematic Hydrophytic Vegetation¹ (Explain) ¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. **Definitions of Vegetation Strata:** Tree - Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub - Woody plants less than 3 in. DBH and greater than 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines - All woody vines greater than 3.28 ft in height. = Total Cover Woody Vine Stratum (Plot size: ____) Hydrophytic Vegetation Yes _____ No ___ Present? = Total Cover Remarks: (Include photo numbers here or on a separate sheet.)

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Northcentral and Northeast Region - Interim Version

SOIL Sampling Point: Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Depth Matrix Redox Features (inches) Color (moist) Color (moist) Type¹ Loc² Texture ¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix. Hydric Soil Indicators: Indicators for Problematic Hydric Soils³: __ Polyvalue Below Surface (S8) (LRR R, ___ 2 cm Muck (A10) (LRR K, L, MLRA 149B) Histosol (A1) MLRA 149B) ___ Coast Prairie Redox (A16) (LRR K, L, R) ___ Thin Dark Surface (S9) (LRR R, MLRA 149B) ___ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) ___ Histic Epipedon (A2) _ Black Histic (A3) ___ Loamy Mucky Mineral (F1) (LRR K, L) ___ Dark Surface (S7) (LRR K, L) ___ Hydrogen Sulfide (A4) __ Loamy Gleyed Matrix (F2) Polyvalue Below Surface (S8) (LRR K, L) Stratified Layers (A5) ___ Depleted Below Dark Surface (A11) ___ Depleted Matrix (F3) ___ Thin Dark Surface (S9) (LRR K, L) __ Redox Dark Surface (F6) Iron-Manganese Masses (F12) (LRR K, L, R) Thick Dark Surface (A12) ___ Sandy Mucky Mineral (S1) __ Depleted Dark Surface (F7) Piedmont Floodplain Soils (F19) (MLRA 149B) __ Redox Depressions (F8) ___ Sandy Gleyed Matrix (S4) Mesic Spodic (TA6) (MLRA 144A, 145, 149B) __ Sandy Redox (S5) Red Parent Material (TF2) _ Stripped Matrix (S6) Very Shallow Dark Surface (TF12) Dark Surface (S7) (LRR R, MLRA 149B) Other (Explain in Remarks) Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (if observed): Туре: Depth (inches): Hydric Soil Present? Yes _ No Remarks:

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Northcentral and Northeast Region - Interim Version